

JOEL STEPHEN

SUMMARY OF SKILLS :

- Sound knowledge in back-end Programming languages - PHP, Python and Nodejs and front-end languages of HTML, CSS and React.
- Maintained live website while directly working with all parts involved in a live website. Implemented changes to UI as well as modifying existing features and UI for better CX.
- Mastery in implementing new features, implementing APIs and integration with payment gateways.
- Proficiency with working with MySQL databases as well as repairing existing data and programming new logic to convert raw data into readable information for management using Python data packages (Numpy, Pandas, Matplotlib).
- Exposure working in the e-commerce space and on a live website with daily traffic. Picked up skills and knowledge about maintaining the website and testing and performing changes without customer disruption.
- Researched and implemented changes to improve LCP and FCP and analyzed user traffic and data using Google Analytics, Chrome Lighthouse and Cloudflare tools to locate and resolve speed issues.
- Ran diagnostics and wrote test programs to locate and fix existing technical issues on the website.

WORK EXPERIENCE :

Preowned Collective Portal, Dubai, UAE

Junior Software Engineer

May 2020 - present

- Implemented new features and UI modification in existing website code base.
- Supervised management of the team for website functioning on a day to day basis.
- Hotfixing and resolving issues on live website to prevent downtime and minimize affecting customer experience.
- Created technical reports and requirement definition documents for features and converting ideas for implementation and estimating time required.
- Managed the complete implementation of a new website on Nodejs/ReactJS and Wordpress from a custom PHP website. Created requirement documentation for this in conjunction with other developers.
- Completed the entire data migration to the new website from the existing website. This included extracting the data from MySQL database and redesigning and restructuring the data for the new website.
- Successful implementation of 3 payment gateways. (Network International, Spotii and Tabby)
- Exposure to website hosting, cloud deployment, SSL certifications, DMARC/DKIM/SPF compliance.
- Started AWS course to understand cloud hosting and cloud computing – on track to complete Cloud Practitioner Certification.
- Handled implementation and integration of the website with 3rd party service providers and with Google Ads, Analytics, Merchant.
- Processing Microsoft Clarity data to better understand user behavior and correct accordingly.
- Track Record in working actively to improve site loading speed with optimizations using Lighthouse and GTMetrix tools.
- SEO optimizations using below listed tools to improve ranking of website and implement best practices.

Preowned Collective Portal, Dubai, UAE

Operations and Development Traineeship

November 2019 - May 2020

- Learned codebase from existing developers over the period of traineeship for hand over of code.
- Gained proficiency in how to convert ideas into requirement documentation in JIRA for implementation.
- Website optimisation and working with Content Management Systems.
- Managing and monitoring website and domain health to actively prevent major downtimes on the website.
- Performed and managed daily tasks with JIRA, Git, Github, Confluence.

- Prototyping and wire-framing using FIGMA for implementation of features on websites with help of research from existing user behavior from Hotjar and Microsoft Clarity combined with studies into industry best practices.

Alucor Limited, Dubai, UAE

Software Development Intern

January 2019 - July 2019

- Developed Web Application for internal company usage, to transition dependency from MS Excel to databases.
- Used Flask, implemented Model View Controller (MVC) architecture for application. Also implemented many libraries, mainly for authentication, authorization and security. Training for Flask was supervised under industry professionals in the company.
- Created DB schema in MySQL and SQLite, and used ORM - SQLAlchemy.
- Implemented JSON and CSV parsing to read data into the database.
- Worked extensively with event-driven functions to provide user-friendliness.
- Implemented front-end designs using HTML5/CSS, JavaScript and jQuery.
- Ran checks and audits to optimize performance using Selenium and Chrome Lighthouse.
- Developed basic REST APIs to handle the web application.
- Used Git VCS, and Agile Programming methodology to gather requirements from the client.
- Deployed on the company server and implemented LDAP authentication.
- Actively implemented and learned to write clean code with PEP standards, CamelCase and through documentation of code.

EDUCATION :

Birla Institute of Technology and Science Pilani (BITS Pilani Dubai Campus), Dubai, UAE

Bachelor of Engineering in Computer Science Engineering (Hons)

August 2015 - August 2019

- Worked and learned multiple Programming languages like Python, Java and C on a variety of topics.
- Learned multiple programming concepts and topics like Object Oriented Programming, Data Structures and Algorithms, Artificial Neural Networks, Artificial Intelligence, Data Mining, Data Analytics, Database design, Computer Networks.
- Created a program to analyze historical stock data and make a prediction for the next days stock prices, using TensorFlow, Spyder and Python libraries

SKILLS :

- **Languages** : English (fluent), Hindi(conversational), Malayalam(native,conversational), Arabic(learning actively)
- Drivers License
- **Programming Languages Familiarity** : PHP, Nodejs, Python
- **Database Familiarity** : MySQL, SQL
- **UI/UX Designing and Prototyping Tool Familiarity** : Figma
- **Front-End Development Familiarity** : React, CSS, HTML5, AJAX, jQuery
- **Version Control and Agile softwares Familiarity** : Jira, Git, Gitlab, Confluence, Kanban Boards.
- **SEO Tools Skills** : Lighthouse, Selenium, GTMetrix, SEO Minion, Moz Analytics
- Linux and Windows
- Postman for API testing
- **Soft Skills Acquired and Learnt** : Full Stack Development, Good Communication and Patience, Time Management, Critical thinking, Creativity, Problem-Solving, Teamwork and Collaboration, Adaptability and Flexibility, SEO Optimization, Data Structures and Algorithms, Model-View-Controller Architecture, Presentation and Microsoft Office.